

Query 9

Query:

```
SELECT CalMonth, AddrCatCode1, SUM(ExtCost) AS CostSum, SUM(Quantity) AS QuanSum,
GROUPING_ID(CalMonth,AddrCatCode1) AS GROUP_NUMBER
FROM Inventory_fact, date_dim, cust_vendor_dim
WHERE Inventory_fact.DateKey = date_dim.DateKey
AND Inventory_fact.CustVendorKey = cust_vendor_dim.CustVendorKey
AND date_dim.CalYear = 2011
AND Inventory_fact.TransTypeKey = 5
GROUP BY CUBE(CalMonth,AddrCatCode1)
ORDER BY CalMonth,AddrCatCode1;
Output:78 rows
```

CALMONTH	ADDRCATCODE1	COSTSUM	QUANSUM	GROUP_NUMBER
1	1	12876795	12970	0
1	2	6856150	7004	0
1	3	5643236	5629	0
1	4	5657775	5691	0
1	5	8189894	8368	0
1		39223850	39662	1
2	1	9481319	8983	0
2	2	6808224	6935	0
2	3	4023869	4139	0
2	4	4862270	4657	0
2	5	5828930	6147	0
2		31004612	30861	1
3	1	7920559	8058	0

CALMONTH	ADDRCATCODE1	COSTSUM	QUANSUM	GROUP_NUMBER
12	1	9120645	9384	0
12	2	6930373	6908	0
12	3	4383227	4394	0
12	4	4313641	4449	0
12	5	5975486	6439	0
12		30723372	31574	1
	1	122255354	122248	2
	2	76074121	77251	2
	3	60696692	60739	2
	4	63554999	62335	2
	5	86055350	85420	2
		408636516	407993	3

78 rows selected.